

1 What is claimed is:

- 2 1. A word prediction method, comprising:  
3 displaying at least one of selectable words and word chunks in response to  
4 receipt of an input character;  
5 receiving a selection of a displayed word or word chunk; and  
6 displaying at least one of selectable words and word chunks including a  
7 selected word chunk, in response to receiving selection of a displayed word chunk.
- 1 2. The word prediction method of claim 1, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.
- 1 3. The word prediction method of claim 2, wherein the predetermined  
2 identifier is a tilde.
- 1 4. The word prediction method of claim 1, wherein the words and word  
2 chunks are in the German language.
- 1 5. The word prediction method of claim 1, wherein a word chunk includes a  
2 predetermined identifier identifying it as a word chunk.
- 1 6. The word prediction method of claim 1, further comprising:  
2 displaying at least one morph of a selected word in response to receiving  
3 selection of a displayed word.
- 1 7. The word prediction method of claim 1, wherein the input character is an  
2 alphabetic character.
- 1 8. The word prediction method of claim 1, wherein the input character  
2 includes a symbol.
- 1 9. The word prediction method of claim 1, wherein the input character  
2 includes a symbol sequence.
- 1 10. The word prediction method of claim 1, wherein the selection of a displayed  
2 word or word chunk is received from an input device.
- 1 11. The word prediction method of claim 1, wherein the words and word  
2 chunks are in an agglutinated language.

1           12.    The word prediction method of claim 1, wherein words and word chunks  
2 beginning with the input character are displayed in response to receipt of the input  
3 character.

1           13.    The word prediction method of claim 1, wherein the selectable words and/or  
2 word chunks, displayed in response to receiving selection of a displayed word chunk,  
3 include at least one additional word chunk including the previously selected word chunk.

1           14.    The word prediction method of claim 1, further comprising:  
2                displaying, in response to receiving selection of a work chunk including the  
3 previously selected word chunk, at least one of selectable words and word chunks  
4 including the word chunk including the previously selected word chunk.

1           15.    The word prediction method of claim 1, further comprising:  
2                storing the displayable words and word chunks in a database.

1           16.    The word prediction method of claim 15, wherein the step of storing  
2 includes storing at least one code in association with each word and word chunk in the  
3 database.

1           17.    The word prediction method of claim 16, wherein the codes include morph  
2 codes, and wherein morphs of the selected word are displayed in response to receipt of a  
3 selection of a displayed word including associated morph codes.

1           18.    The word prediction method of claim 16, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           19.    The word prediction method of claim 17, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           20.    A word prediction system, comprising:  
2                a database, adapted to store a plurality of words and word chunks;  
3                a display adapted to display at least one of stored words and word chunks  
4 for selection; and

5 a controller, adapted to retrieve at least one of words and word chunks  
6 associated with an input character from the database in response to receipt of the input  
7 character, and to control the display to display at least one of selectable words and word  
8 chunks including a selected word chunk in response to receiving selection of a displayed  
9 word chunk.

1 21. The word prediction system of claim 20, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.

1 22. The word prediction system of claim 21, wherein the predetermined  
2 identifier is a tilde.

1 23. The word prediction system of claim 20, wherein the words and word  
2 chunks are in the German language.

1 24. The word prediction system of claim 20, wherein a word chunk includes a  
2 predetermined identifier identifying it as a word chunk.

1 25. The word prediction system of claim 20, wherein the database further stores  
2 morphing codes and the controller is further adapted to control the display to generate and  
3 display stored morphs of the selected word in response to receipt of a selection of a  
4 displayed word.

1 26. The word prediction system of claim 20, wherein the input character is an  
2 alphabetic character.

1 27. The word prediction system of claim 20, wherein the input character  
2 includes a symbol.

1 28. The word prediction system of claim 20, wherein the input character  
2 includes a symbol sequence.

1 29. The word prediction system of claim 20, further comprising:  
2 an input device, adapted to input a character and/or select a displayed word  
3 or word chunk.

1 30. The word prediction system of claim 20, wherein the display includes a  
2 touch screen, adapted to permit selection of a displayed word or word chunk.

1 31. The word prediction system of claim 20, wherein the words and word  
2 chunks are in an agglutinated language.

1           32.    The word prediction system of claim 20, wherein words and word chunks  
2 beginning with the input character are displayed in response to receipt of the input  
3 character.

1           33.    The word prediction system of claim 20, wherein the selectable words  
2 and/or word chunks, displayed in response to receiving selection of a displayed word  
3 chunk, include at least one additional word chunk including the previously selected word  
4 chunk.

1           34.    The word prediction system of claim 20, wherein the controller is further  
2 adapted to retrieve and control the display to display at least one of words and word chunks  
3 including the word chunk including the previously selected word chunk, in response to  
4 receiving selection of the word chunk including the previously selected word chunk.

1           35.    The word prediction system of claim 20, wherein the database further  
2 includes at least one code stored in association with each word and word chunk.

1           36.    The word prediction system of claim 35, wherein the codes include morph  
2 codes, and wherein the controller is further adapted to control the display to display morphs  
3 of the selected word in response to receipt of a selection of a displayed word including  
4 associated morph codes.

1           37.    The word prediction system of claim 35, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           38.    The word prediction system of claim 36, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           39.    An article of manufacture for use in conjunction with a computer,  
2 comprising:

3                a first code segment for causing the computer to display at least one of  
4 selectable words and word chunks in response to receipt of an input character; and

5 a second code segment for causing the computer to display at least one of  
6 selectable words and word chunks including a selected word chunk, in response to  
7 receiving selection of a displayed word chunk.

1 40. The article of manufacture of claim 39, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.

1 41. The article of manufacture of claim 40, wherein the predetermined identifier  
2 is a tilde.

1 42. The article of manufacture of claim 39, wherein the words and word chunks  
2 are in the German language.

1 43. The article of manufacture of claim 39, wherein a word chunk includes a  
2 predetermined identifier identifying it as a word chunk.

1 44. The article of manufacture of claim 39, further comprising:  
2 a third code segment for causing the computer to display at least one morph  
3 of a selected word in response to receiving selection of a displayed word.

1 45. The article of manufacture of claim 39, wherein the input character is an  
2 alphabetic character.

1 46. The article of manufacture of claim 39, wherein the input character includes  
2 a symbol.

1 47. The article of manufacture of claim 39, further comprising:  
2 a third code segment for causing the computer to receive a selected word or  
3 word chunk from an input device.

1 48. The article of manufacture of claim 39, wherein the words and word chunks  
2 are in an agglutinated language.

1 49. The article of manufacture of claim 39, wherein words and word chunks  
2 beginning with the input character are displayed in response to receipt of the input  
3 character.

1 50. The article of manufacture of claim 39, wherein the selectable words and/or  
2 word chunks, displayed in response to receiving selection of a displayed word chunk,  
3 include at least one additional word chunk including the previously selected word chunk.

1 51. The article of manufacture of claim 39, further comprising:

2 a third code segment for causing the computer to display, in response to  
3 receiving selection of the word chunk including the previously selected word chunk, at  
4 least one of selectable words and word chunks including the word chunk including the  
5 previously selected word chunk.

1 52. The article of manufacture of claim 39, further comprising:

2 a third code segment for causing the computer to interact with a database,  
3 the database storing the displayable words and word chunks.

1 53. The article of manufacture of claim 52, wherein the database stores at least  
2 one code in association with each word and word chunk stored in the database.

1 54. The article of manufacture of claim 53, wherein the codes include morph  
2 codes, and wherein the third code segment causes the computer to display morphs of the  
3 selected word in response to receipt of a displayed word including associated morph codes.

1 55. The article of manufacture of claim 53, wherein the codes include frequency  
2 codes, and wherein the third code segment causes the computer to display words and word  
3 chunks associated with the input character and a relatively high frequency code before  
4 words and word chunks associated with the input character and a relatively low frequency  
5 code.

1 56. The article of manufacture of claim 54, wherein the codes include frequency  
2 codes, and wherein the third code segment causes the computer to display words and word  
3 chunks associated with the input character and a relatively high frequency code before  
4 words and word chunks associated with the input character and a relatively low frequency  
5 code.

1           57.    A word prediction method, comprising:  
2                   displaying at least one of selectable words and word chunks including an  
3 input character, in response to receipt of the input character; and  
4                   replacing the input character with a selected word chunk in response to  
5 receiving selection of a displayed word chunk, wherein the selected word chunk is  
6 subsequently used in place of the input character for further word prediction.

1           58.    The word prediction method of claim 57, further comprising:  
2                   displaying at least one of selectable words and word chunks including a  
3 selected word chunk, in response to receiving selection of the displayed word chunk.

1           59.    The word prediction method of claim 57, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.

1           60.    The word prediction method of claim 59, wherein the predetermined  
2 identifier is a tilde.

1           61.    The word prediction method of claim 57, wherein the words and word  
2 chunks are in the German language.

1           62.    The word prediction method of claim 57, wherein a word chunk includes a  
2 predetermined identifier identifying it as a word chunk.

1           63.    The word prediction method of claim 1, further comprising:  
2                   displaying at least one morph of a selected word, in response to receiving  
3 selection of a displayed word.

1           64.    The word prediction method of claim 57, wherein the words and word  
2 chunks are in an agglutinated language.

1           65.    The word prediction method of claim 58, wherein the selectable words  
2 and/or word chunks, displayed in response to receiving selection of a displayed word  
3 chunk, include at least one additional word chunk including the previously selected word  
4 chunk.

1           66.    The word prediction method of claim 65, further comprising:  
2                   displaying, in response to receiving selection of a word chunk including the  
3 previously selected word chunk, at least one of selectable words and word chunks  
4 including the word chunk including the previously selected word chunk.

1           67.    The word prediction method of claim 57, further comprising:  
2 storing the displayable words and word chunks in a database.

1           68.    The word prediction method of claim 67, wherein the step of storing  
2 includes storing at least one code in association with each word and word chunk in the  
3 database.

1           69.    The word prediction method of claim 68, wherein the codes include morph  
2 codes, and wherein morphs of the selected word are displayed in response to receipt of a  
3 selection of a displayed word including associated morph codes.

1           70.    The word prediction method of claim 68, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           71.    The word prediction method of claim 69, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1           72.    A word prediction system, comprising:  
2                   a database, adapted to store a plurality of words and word chunks;  
3                   a display adapted to display at least one of stored words and word chunks  
4 for selection; and  
5                   a controller, adapted to retrieve at least one of words and word chunks  
6 associated with an input character from the database in response to receipt of the input  
7 character, and to replace the input character with a selected word chunk in response to  
8 receiving selection of a displayed word chunk, wherein the selected word chunk is  
9 subsequently used in place of the input character for word prediction.

1           73.    The word prediction system of claim 72, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.

1           74.    The word prediction system of claim 73, wherein the predetermined  
2 identifier is a tilde.



1           75.    The word prediction system of claim 72, wherein the words and word  
2 chunks are in the German language.

1           76.    The word prediction system of claim 72, wherein the controller is further  
2 adapted to control the display to display at least one of selectable words and word chunks  
3 including a selected word chunk, in response to receiving selection of a displayed word  
4 chunk.

1           77.    The word prediction system of claim 72, wherein the database further stores  
2 morphs of words and the controller is further adapted to control the display to display  
3 stored morphs of the selected word in response to receipt of a selection of a displayed  
4 word.

1           78.    The word prediction system of claim 72, further comprising:  
2 ~~an input device, adapted to input a character and/or select a displayed word~~  
3 or word chunk.

1           79.    The word prediction system of claim 72, wherein the display includes a  
2 touch screen, adapted to permit selection of a displayed word or word chunk.

1           80.    The word prediction system of claim 72, wherein the selectable words  
2 and/or word chunks, displayed in response to receiving selection of a displayed word  
3 chunk, include at least one additional word chunk including the previously selected word  
4 chunk.

1           81.    The word prediction system of claim 72, wherein the controller is further  
2 adapted to retrieve and control the display to display at least one of words and word chunks  
3 including the word chunk including the previously selected word chunk, in response to  
4 receiving selection of the word chunk including the previously selected word chunk.

1           82.    The word prediction system of claim 72, wherein the database further  
2 includes at least one code stored in association with each word and word chunk.

1           83.    The word prediction system of claim 82, wherein the codes include morph  
2 codes, and wherein the controller is further adapted to control the display to display morphs  
3 of the selected word in response to receipt of a selection of a displayed word including  
4 associated morph codes.

1           84.    The word prediction system of claim 82, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a

3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1 85. The word prediction system of claim 83, wherein the codes include  
2 frequency codes, with words and word chunks associated with the input character and a  
3 relatively high frequency code being displayed before words and word chunks associated  
4 with the input character and a relatively low frequency code.

1 86. An article of manufacture for use in conjunction with a computer,  
2 comprising:

3 a first code segment for causing the computer to display at least one of the  
4 selectable words and word chunks in response to receipt of an input character; and

5 a second code segment for causing the computer to replace the input  
6 character with a selected word chunk in response to receiving selection of a displayed word  
7 chunk, and for causing the computer to subsequently use the selected word chunk in place  
8 of the input character for further word prediction.

1 87. The article of manufacture of claim 86, wherein a word chunk includes a  
2 word portion used in the formation of other words and includes a predetermined identifier,  
3 identifying it as a word chunk.

1 88. The article of manufacture of claim 87, wherein the predetermined identifier  
2 is a tilde.

1 89. The article of manufacture of claim 86, wherein the words and word chunks  
2 are in the German language.

1 90. The article of manufacture of claim 86, wherein a word chunk includes a  
2 predetermined identifier identifying it as a word chunk.

1 91. The article of manufacture of claim 86, further comprising:  
2 a third code segment for causing the computer to display at least one morph  
3 of a selected word in response to receiving selection of a displayed word.

1 92. The article of manufacture of claim 86, further comprising:  
2 a third code segment for causing the computer to display, in response to  
3 receiving selection of the word chunk including the previously selected word chunk, at  
4 least one of selectable words and word chunks including the word chunk including the  
5 previously selected word chunk.

1        93.    The article of manufacture of claim 86, further comprising:  
2                a third code segment for causing the computer to interact with a database,  
3 the database storing the displayable words and word chunks.

1        94.    The article of manufacture of claim 93, wherein the database stores at least  
2 one code in association with each word and word chunk stored in the database.

1        95.    The article of manufacture of claim 94, wherein the codes include morph  
2 codes, and wherein the third code segment causes the computer to display morphs of the  
3 selected word in response to receipt of a displayed word including associated morph codes.

1        96.    The article of manufacture of claim 94, wherein the codes include frequency  
2 codes, and wherein the third code segment cause the computer to display words and word  
3 chunks associated with the input character and a relatively high frequency code before  
4 words and word chunks associated with the input character and a relatively low frequency  
5 code.

1        97.    The article of manufacture of claim 95, wherein the codes include frequency  
2 codes, and wherein the third code segment cause the computer to display words and word  
3 chunks associated with the input character and a relatively high frequency code before  
4 words and word chunks associated with the input character and a relatively low frequency  
5 code.